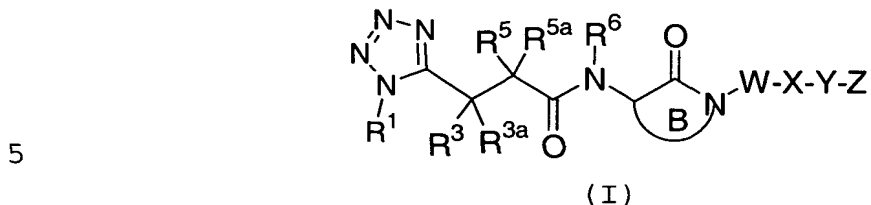


What is claimed is:

1. A compound of Formula (I):



or a pharmaceutically acceptable salt or prodrug thereof, wherein:

10

R¹ is H,

C₁-C₆ alkyl optionally substituted with 0-2 R^{2a};

C₂-C₆ alkenyl optionally substituted with 0-2 R^{2a};

or

15

C₂-C₆ alkynyl optionally substituted with 0-2 R^{2a};

R^{2a}, at each occurrence, is independently selected from

20 H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃,
acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, C₁-C₄ alkyl,
C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy,
C₁-C₄ haloalkyl-S-;

phenyl substituted with 0-3 R^{2b};

C₃-C₆ cycloalkyl substituted with 0-3 R^{2b}; and

25

5 to 7 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{2b};

30 R^{2b}, at each occurrence, is independently selected from

H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃,
acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, C₁-C₄ alkyl,

C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy,
and
C₁-C₄ haloalkyl-S-;

- 5 R³ is H, NH₂, NR²⁵R²⁶,
C₁-C₆ alkyl substituted with 0-3 R⁴;
C₂-C₆ alkenyl substituted with 0-3 R⁴; or
C₂-C₆ alkynyl substituted with 0-3 R⁴;

- 10 R^{3a} is H, C₁-C₆ alkyl, or C₂-C₆ alkenyl;

alternatively, R³ and R^{3a} are combined to form a 3-6
membered carbocyclic group selected from
cyclopropyl, cyclobutyl, cyclopentyl,
15 cyclopentenyl, cyclohexyl, and cyclohexenyl;
wherein said 3-6 membered carbocyclic group is
substituted with 0-2 R⁴;

additionally, two R⁴ substituents on adjacent atoms
20 may be combined to form a benzo fused radical;
wherein said benzo fused radical is substituted
with 0-4 R²³;

additionally, two R⁴ substituents on adjacent atoms
25 may be combined to form a 5 to 6 membered
heteroaryl fused radical, wherein said 5 to 6
membered heteroaryl fused radical comprises 1 or
2 heteroatoms selected from N, O, and S; wherein
said 5 to 6 membered heteroaryl fused radical is
30 substituted with 0-3 R²³;

additionally, two R⁴ substituents on the same or
adjacent carbon atoms may be combined to form a
C₃-C₆ carbocyclic group substituted with 0-3 R²³;

R⁴, at each occurrence, is independently selected from
H, OH, Cl, F, Br, I, CN, NO₂, CF₃, acetyl, SCH₃,
S(=O)CH₃, S(=O)₂CH₃, NR¹⁵R¹⁶, C₁-C₄ alkyl, C₂-C₄
alkenyl, C₂-C₄ alkynyl, C₁-C₄ alkoxy, C₁-C₄
5 haloalkyl,
C₁-C₄ haloalkoxy, and C₁-C₄ haloalkyl-S-,
C₃-C₆ carbocycle, aryl, and a
5 to 6 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
10 and sulphur;

R⁵ is H;
C₁-C₆ alkyl substituted with 0-2 R^{5b};
C₂-C₆ alkenyl substituted with 0-2 R^{5b};
15 C₂-C₆ alkynyl substituted with 0-2 R^{5b};
C₃-C₆ carbocycle substituted with 0-3 R^{5c};
phenyl substituted with 0-3 R^{5c}; or
5 to 6 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
20 and sulphur, wherein said 5 to 6 membered
heterocycle is substituted with 0-3 R^{5c};

R^{5a} is H, C₁-C₄ alkyl, or C₂-C₄ alkenyl;

25 alternatively, R⁵ and R^{5a} may be combined to form a 3-
6 membered carbocyclic moiety selected from
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, and cyclohexenyl;

30 R^{5b}, at each occurrence, is independently selected
from:
H, C₁-C₆ alkyl, CF₃, OR¹⁴, Cl, F, Br, I, =O, CN,
NO₂, NR¹⁵R¹⁶;
C₃-C₆ carbocycle substituted with 0-3 R^{5c};
35 phenyl substituted with 0-3 R^{5c}; or

5 to 6 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 6 membered heterocycle is substituted with 0-3 R^{5c};

5

R^{5c}, at each occurrence, is independently selected from

H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃, acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, C₁-C₄ alkyl, C₁-C₃ alkoxy, C₁-C₃ haloalkyl, C₁-C₃ haloalkoxy, and C₁-C₃ haloalkyl-S-;

10

R⁶ is H or C₁-C₆ alkyl;

15

Ring B is a 7 membered lactam, wherein the lactam is saturated, partially saturated or unsaturated; wherein each additional lactam carbon is substituted with 0-2 R¹¹; and, optionally, the lactam contains an additional heteroatom selected from -O-, -S-, -S(=O)-, -S(=O)₂-, -N=, -NH-, and -N(R¹⁰)-;

20

25 additionally, two R¹¹ substituents on adjacent atoms may be combined to form a benzo fused radical; wherein said benzo fused radical is substituted with 0-4 R¹³;

30 additionally, two R¹¹ substituents on adjacent atoms may be combined to form a 5 to 6 membered heteroaryl fused radical, wherein said 5 to 6 membered heteroaryl fused radical comprises 1 or 2 heteroatoms selected from N, O, and S; wherein said 5 to 6 membered heteroaryl fused radical is substituted with 0-3 R¹³;

35

additionally, two R^{11} substituents on the same or adjacent carbon atoms may be combined to form a C_3 - C_6 carbocyclic radical substituted with 0-3 R^{13} ;

R^{10} is H, $C(=O)R^{17}$, $C(=O)OR^{17}$, $C(=O)NR^{18}R^{19}$, $S(=O)_2NR^{18}R^{19}$, $S(=O)_2R^{17}$;
 C_1 - C_6 alkyl optionally substituted with 0-3 R^{10a} ;
 C_6 - C_{10} aryl substituted with 0-4 R^{10b} ;
 C_3 - C_{10} carbocycle substituted with 0-3 R^{10b} ; or
5 to 10 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 10 membered heterocycle is substituted with 0-3 R^{10b} ;

R^{10a} , at each occurrence, is independently selected from
H, C_1 - C_6 alkyl, OR^{14} , Cl, F, Br, I, =O, CN, NO_2 ,
 $NR^{15}R^{16}$, CF_3 ,
phenyl substituted with 0-3 R^{10b} ;
 C_3 - C_7 cycloalkyl substituted with 0-3 R^{10b} ; and
5 to 7 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{10b} ;

R^{10b} , at each occurrence, is independently selected from H, OH, Cl, F, Br, I, CN, NO_2 , $NR^{15}R^{16}$, CF_3 ,
acetyl, SCH_3 , $S(=O)CH_3$, $S(=O)_2CH_3$, C_1 - C_6 alkyl,
 C_1 - C_4 alkoxy, C_1 - C_4 haloalkyl, C_1 - C_4 haloalkoxy,
and C_1 - C_4 haloalkyl-S-;

R^{11} , at each occurrence, is independently selected from

H, C₁-C₄ alkoxy, Cl, F, Br, I, CN, NO₂, NR¹⁸R¹⁹,
C(=O)R¹⁷, C(=O)OR¹⁷, C(=O)NR¹⁸R¹⁹, S(=O)₂NR¹⁸R¹⁹,
CF₃;

C₁-C₆ alkyl optionally substituted with 0-3 R^{11a};

5 C₆-C₁₀ aryl substituted with 0-3 R^{11b};

C₃-C₁₀ carbocycle substituted with 0-3 R^{11b}; or
5 to 10 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 10 membered
10 heterocycle is substituted with 0-3 R^{11b};

R^{11a}, at each occurrence, is independently selected
from

H, C₁-C₆ alkyl, OR¹⁴, Cl, F, Br, I, =O, CN, NO₂,
15 NR¹⁵R¹⁶, CF₃;

phenyl substituted with 0-3 R^{11b};

C₃-C₇ cycloalkyl substituted with 0-3 R^{11b}; and
5 to 7 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
20 and sulphur, wherein said 5 to 7 membered
heterocycle is substituted with 0-3 R^{11b};

R^{11b}, at each occurrence, is independently selected
from

25 H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃,
acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, C₁-C₆ alkyl,
C₁-C₄ alkoxy, C₁-C₄ haloalkyl, C₁-C₄ haloalkoxy,
and
C₁-C₄ haloalkyl-S-;

30

W is a bond, -CH₂-, -CH₂CH₂-;

X is a bond, -phenyl-, -pyridyl-, -cyclohexyl-, or
-piperidinyl-;

35

Y is a bond, -C(=O)-, -O-, -S-, -S(=O)-, -S(=O)₂-,
-NH-,
-N(CH₃)-, or -N(CH₂CH₃)-;

5 Z is H;

C₁-C₈ alkyl substituted with 0-3 R^{12a};

C₂-C₆ alkenyl substituted with 0-3 R^{12a};

C₂-C₆ alkynyl substituted with 0-3 R^{12a};

C₆-C₁₀ aryl substituted with 0-4 R^{12b};

10 C₃-C₁₀ carbocycle substituted with 0-4 R^{12b}; or
5 to 10 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 10 membered
heterocycle is substituted with 0-3 R^{12b};

15

R^{12a}, at each occurrence, is independently selected
from

H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶,

-C(=O)NR¹⁵R¹⁶, CF₃, acetyl, SCH₃, S(=O)CH₃,

20

S(=O)₂CH₃,

C₁-C₆ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl,

C₁-C₄ haloalkoxy, C₁-C₄ haloalkyl-S-,

C₆-C₁₀ aryl substituted with 0-4 R^{12b};

C₃-C₁₀ carbocycle substituted with 0-4 R^{12b}; or

25

5 to 10 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 10 membered
heterocycle is substituted with 0-3 R^{12b};

30 R^{12b}, at each occurrence, is independently selected
from

H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃,

acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, C₃-C₆
cycloalkyl,

35

C₁-C₆ alkyl, C₁-C₄ alkoxy, C₁-C₄ haloalkyl,

C₁-C₄ haloalkoxy, C₁-C₄ haloalkyl-S, and
aryl substituted with 0-3 R^{12c};

R^{12c}, at each occurrence, is independently selected

5 from
H, methyl, ethyl, propyl, methoxy, ethoxy, amino,
hydroxy, Cl, F, Br, I, CF₃, SCH₃, S(O)CH₃, SO₂CH₃,
-N(CH₃)₂, N(CH₃)H, CN, NO₂, OCF₃, C(=O)CH₃, CO₂H,
CO₂CH₃, and C₁-C₃ haloalkyl;

10

R¹³, at each occurrence, is independently selected

from
H, OH, C₁-C₆ alkyl, C₁-C₄ alkoxy, Cl, F, Br, I,
CN, NO₂, NR¹⁵R¹⁶, and CF₃;

15

R¹⁴ is H, phenyl, benzyl, C₁-C₆ alkyl, C₂-C₆
alkoxyalkyl, or C₃-C₆ cycloalkyl;

R¹⁵, at each occurrence, is independently selected

20 from H, and C₁-C₆ alkyl;

R¹⁶, at each occurrence, is independently selected

from

25 H, C₁-C₆ alkyl, benzyl, phenethyl,
(C₁-C₆ alkyl)-C(=O)-, and (C₁-C₆ alkyl)-S(=O)₂-;

R¹⁷ is H, C₁-C₆ alkyl, C₂-C₆ alkoxyalkyl,

aryl substituted by 0-4 R^{17a}, or

-CH₂-aryl substituted by 0-4 R^{17a};

30

R^{17a} is H, methyl, ethyl, propyl, butyl, methoxy,
ethoxy, propoxy, butoxy, -OH, F, Cl, Br, I, CF₃,
OCF₃, SCH₃, S(O)CH₃, SO₂CH₃, -NH₂, -N(CH₃)₂, or
C₁-C₄ haloalkyl;

35

R¹⁸, at each occurrence, is independently selected from
 H, C₁-C₆ alkyl, phenyl, benzyl, phenethyl,
 (C₁-C₆ alkyl)-C(=O)-, and (C₁-C₆ alkyl)-S(=O)₂-;

5

R¹⁹, at each occurrence, is independently selected from
 H, OH, C₁-C₆ alkyl, phenyl, benzyl, phenethyl,
 (C₁-C₆ alkyl)-C(=O)-, and (C₁-C₆ alkyl)-S(=O)₂-;

10

additionally, R¹⁸ and R¹⁹, when substituents on the
 same atom, may be combined to form a 5 to 7
 membered nitrogen containing heterocyclic ring;

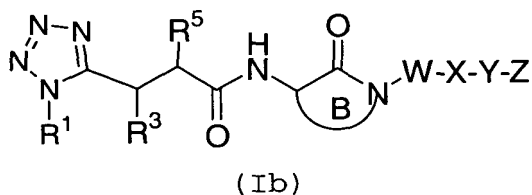
15 R²³, at each occurrence, is independently selected
 from
 H, OH, C₁-C₆ alkyl, C₁-C₄ alkoxy, Cl, F, Br, I,
 CN, NO₂, NR¹⁵R¹⁶, and CF₃;

20 R²⁵, at each occurrence, is independently selected
 from H, and C₁-C₆ alkyl; and

R²⁶, at each occurrence, is independently selected
 from

25 H, C₁-C₆ alkyl, C₃-C₄ alkenyl, C₃-C₄ alkynyl,
 (C₁-C₆ alkyl)-C(=O)-, (C₁-C₆ alkyl)-S(=O)₂-,
 aryl(C₁-C₄ alkyl)-, C₃-C₆ cycloalkyl, and
 C₃-C₆ cycloalkyl(C₁-C₄ alkyl)-.

30 2. A compound, according to Claim 1, of Formula (Ib):



or a pharmaceutically acceptable salt or prodrug thereof,

wherein:

5

R¹ is H,

C₁-C₆ alkyl optionally substituted with 0-1 R^{2a};

C₂-C₆ alkenyl optionally substituted with 0-1 R^{2a};

or

10 C₂-C₆ alkynyl optionally substituted with 0-1 R^{2a};

R^{2a}, at each occurrence, is independently selected from

H, OH, Cl, F, Br, CN, NO₂, CF₃, acetyl, SCH₃,

15 S(=O)CH₃, S(=O)₂CH₃, methyl, ethyl, methoxy, ethoxy,

-OCF₃, -SCF₃;

phenyl substituted with 0-3 R^{2b};

C₃-C₆ cycloalkyl substituted with 0-3 R^{2b}; and

20 5 to 7 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{2b};

25 R^{2b}, at each occurrence, is independently selected from

H, OH, Cl, F, Br, CN, NO₂, CF₃, acetyl, SCH₃,

S(=O)CH₃, S(=O)₂CH₃, methyl, ethyl, methoxy, ethoxy, -OCF₃, and -SCF₃;

30

R³ is H, NH₂, C₁-C₅ alkyl, C₂-C₅ alkenyl, C₂-C₅ alkynyl, (aryl)C₁-C₄ alkyl-, or (C₃-C₆ cycloalkyl)C₁-C₄ alkyl-;

35 R⁵ is H;

C₁-C₄ alkyl substituted with 0-1 R^{5b};

C₂-C₄ alkenyl substituted with 0-1 R^{5b}; or

C₂-C₄ alkynyl substituted with 0-1 R^{5b};

5 R^{5b}, at each occurrence, is independently selected from:

H, methyl, ethyl, propyl, butyl, methoxy, ethoxy, propoxy, butoxy, CF₃, Cl, F, Br, I, =O;

C₃-C₆ carbocycle substituted with 0-3 R^{5c};

10 phenyl substituted with 0-3 R^{5c}; or

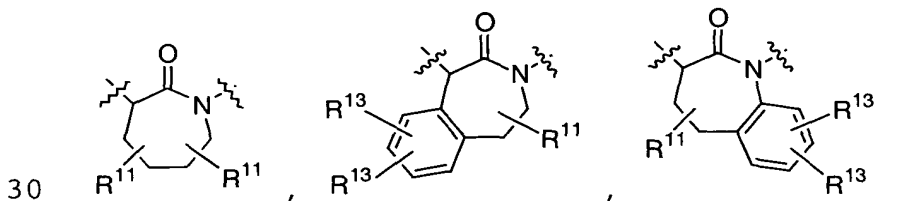
5 to 6 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 6 membered heterocycle is substituted with 0-3 R^{5c};

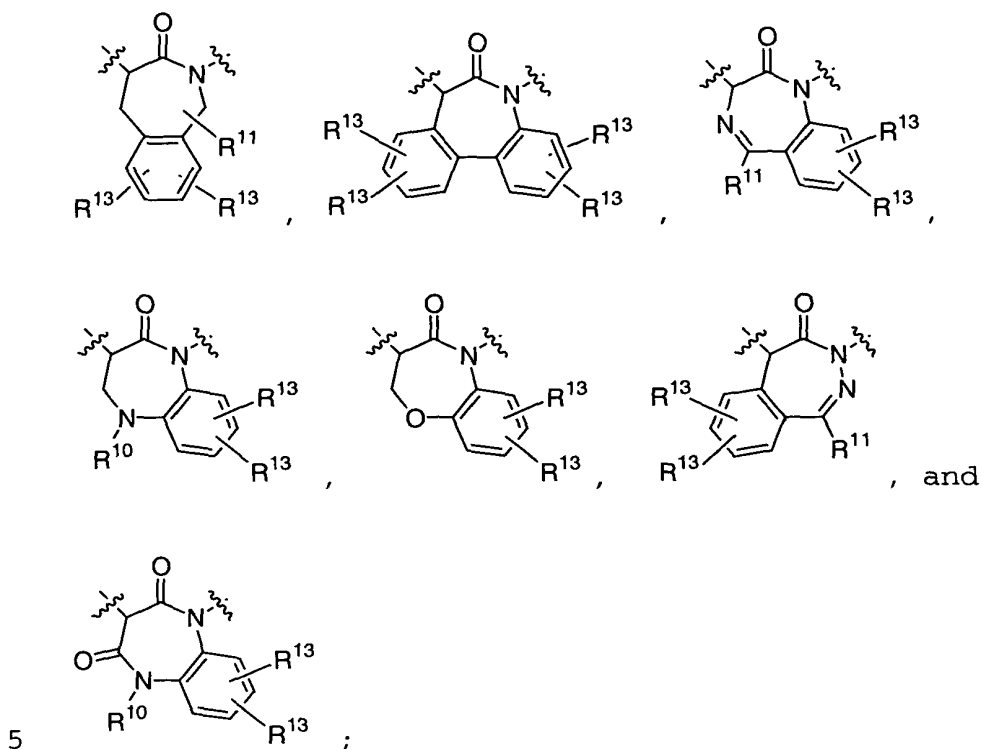
15 wherein said 5 to 6 membered heterocycle is selected from pyridinyl, pyrimidinyl, triazinyl, furanyl, thienyl, thiazolyl, pyrrolyl, piperazinyl, piperidinyl, pyrazolyl, imidazolyl, oxazolyl, isoxazolyl, and
20 tetrazolyl;

R^{5c}, at each occurrence, is independently selected from

25 H, OH, Cl, F, Br, I, CN, NO₂, NR¹⁵R¹⁶, CF₃, acetyl, SCH₃, S(=O)CH₃, S(=O)₂CH₃, methyl, ethyl, propyl, methoxy, ethoxy, and -OCF₃;

Ring B is selected from:





R^{10} is H, $C(=O)R^{17}$, $C(=O)OR^{17}$, $C(=O)NR^{18}R^{19}$,
 $S(=O)_2NR^{18}R^{19}$, $S(=O)_2R^{17}$;

C_1 - C_4 alkyl optionally substituted with 0-1 R^{10a} ;
 10 phenyl substituted with 0-3 R^{10b} ;
 C_3 - C_7 carbocycle substituted with 0-3 R^{10b} ; and
 5 to 7 membered heterocycle containing 1 to 4
 heteroatoms selected from nitrogen, oxygen, and
 sulphur, wherein said 5 to 7 membered
 15 heterocycle is substituted with 0-3 R^{10b} ;

R^{10a} , at each occurrence, is independently selected
 from
 H, C_1 - C_4 alkyl, OR^{14} , Cl, F, Br, I, =O, CN, NO_2 ,
 20 $NR^{15}R^{16}$, CF_3 ,
 phenyl substituted with 0-3 R^{10b} ;
 C_3 - C_7 cycloalkyl substituted with 0-3 R^{10b} ; and
 5 to 7 membered heterocycle containing 1 to 4
 heteroatoms selected from nitrogen, oxygen,

and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{10b};

- 5 R^{10b}, at each occurrence, is independently selected from
H, OH, Cl, F, NR¹⁵R¹⁶, CF₃, methyl, ethyl, propyl, butyl, methoxy, ethoxy, propoxy, C₁-C₂ haloalkyl, and C₁-C₂ haloalkoxy;
- 10 R¹¹, at each occurrence, is independently selected from
H, =O, NR¹⁸R¹⁹, CF₃;
C₁-C₄ alkyl optionally substituted with 0-1 R^{11a};
phenyl substituted with 0-3 R^{11b};
C₃-C₇ carbocycle substituted with 0-3 R^{11b}; and
15 5 to 7 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{11b};
- 20 R^{11a}, at each occurrence, is independently selected from
H, C₁-C₄ alkyl, OR¹⁴, F, Cl, =O, NR¹⁵R¹⁶, CF₃,
phenyl substituted with 0-3 R^{11b};
C₃-C₇ cycloalkyl substituted with 0-3 R^{11b}; and
25 5 to 7 membered heterocycle containing 1 to 4 heteroatoms selected from nitrogen, oxygen, and sulphur, wherein said 5 to 7 membered heterocycle is substituted with 0-3 R^{11b};
- 30 R^{11b}, at each occurrence, is independently selected from
H, OH, Cl, F, NR¹⁵R¹⁶, CF₃, methyl, ethyl, propyl, butyl, methoxy, ethoxy, propoxy, C₁-C₂ haloalkyl, and C₁-C₂ haloalkoxy;

W is a bond;

X is a bond;

Y is a bond;

5 Z is H;

C₁-C₆ alkyl substituted with 0-1 R^{12a};

C₂-C₆ alkenyl substituted with 0-1 R^{12a}; or

C₂-C₆ alkynyl substituted with 0-1 R^{12a};

10 R^{12a}, at each occurrence, is independently selected
from
H, OH, Cl, F, Br, CN, NO₂, CF₃, methoxy, ethoxy,
-OCF₃;

phenyl substituted with 0-4 R^{12b};
15 C₃-C₆ carbocycle substituted with 0-4 R^{12b}; or
5 to 6 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 6 membered
heterocycle is substituted with 0-3 R^{12b};

20

R^{12b}, at each occurrence, is independently selected
from
H, OH, Cl, F, Br, CN, NO₂, CF₃, acetyl, SCH₃,
S(=O)CH₃, S(=O)₂CH₃, C₁-C₄ alkyl, C₁-C₃ alkoxy,
25 C₂-C₄ alkenyl,
-OCF₃, and -SCF₃;

R¹³, at each occurrence, is independently selected
from

30 H, OH, methyl, ethyl, propyl, methoxy, ethoxy,
Cl, F, Br, CN, NO₂, NR¹⁵R¹⁶, and CF₃;

R¹⁴ is H, phenyl, benzyl, methyl, ethyl, propyl, or
butyl;

35

R¹⁵, at each occurrence, is independently selected from
H, and C₁-C₄ alkyl;

- 5 R¹⁶, at each occurrence, is independently selected from H, C₁-C₄ alkyl, benzyl, phenethyl, (C₁-C₄ alkyl)-C(=O)-, and (C₁-C₄ alkyl)-S(=O)₂-;

- 10 R¹⁷ is H, C₁-C₆ alkyl, C₂-C₆ alkoxyalkyl, aryl substituted by 0-4 R^{17a}, or -CH₂-aryl substituted by 0-4 R^{17a};

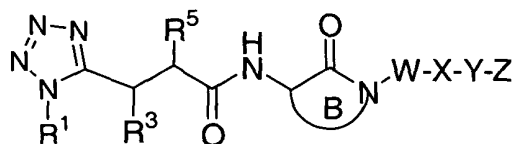
- 15 R^{17a} is H, methyl, ethyl, propyl, butyl, methoxy, ethoxy, propoxy, butoxy, -OH, F, Cl, Br, I, CF₃, OCF₃, SCH₃, S(O)CH₃, SO₂CH₃, -NH₂, -N(CH₃)₂, or C₁-C₄ haloalkyl;

- 20 R¹⁸, at each occurrence, is independently selected from H, C₁-C₆ alkyl, phenyl, benzyl, phenethyl, (C₁-C₆ alkyl)-C(=O)-, and (C₁-C₆ alkyl)-S(=O)₂-;

- 25 R¹⁹, at each occurrence, is independently selected from H, OH, methyl, ethyl, propyl, butyl, phenyl, benzyl, phenethyl; and

- 30 additionally, R¹⁸ and R¹⁹, when substituents on the same atom, may be combined to form a 5 to 7 membered nitrogen containing heterocyclic ring.

3. A compound, according to Claim 2, of Formula (Ib):



(Ib)

or a pharmaceutically acceptable salt or prodrug
5 thereof,

wherein:

R^1 is C_1 - C_6 alkyl, C_2 - C_6 alkenyl, or C_2 - C_6 alkynyl;
10

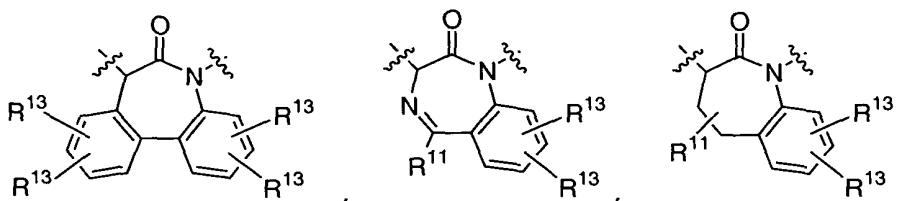
R^3 is H, NH_2 , C_1 - C_5 alkyl, or C_2 - C_5 alkenyl;

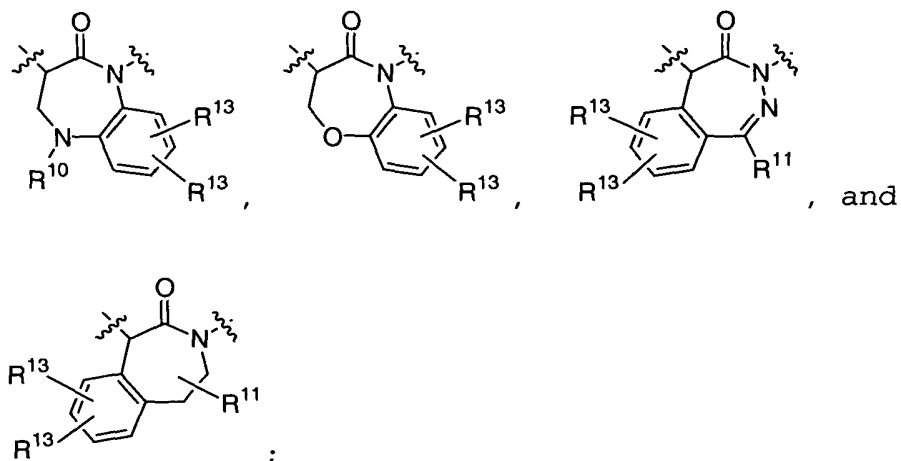
R^5 is H;

C_1 - C_4 alkyl substituted with 0-1 R^{5b} ;
15 C_2 - C_4 alkenyl substituted with 0-1 R^{5b} ; or
 C_2 - C_4 alkynyl substituted with 0-1 R^{5b} ;

R^{5b} , at each occurrence, is independently selected
from:
20 H, methyl, ethyl, propyl, methoxy, ethoxy,
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl, and
phenyl;

25 Ring B is selected from:





- 5 R^{10} is H;
 C_1 - C_4 alkyl optionally substituted with 0-1 R^{10a} ;
 phenyl substituted with 0-3 R^{10b} ;
 C_3 - C_7 carbocycle substituted with 0-3 R^{10b} ; and
 5 to 7 membered heterocycle containing 1 to 4
 10 heteroatoms selected from nitrogen, oxygen,
 and sulphur, wherein said 5 to 7 membered
 heterocycle is substituted with 0-3 R^{10b} ;
 wherein said 5 to 7 membered heterocycle is
 selected from pyridinyl, pyrimidinyl,
 15 triazinyl, furanyl, thienyl, thiazolyl,
 pyrrolyl, pyrrolidinyl, piperazinyl,
 piperidinyl, homopiperidinyl, pyrazolyl,
 imidazolyl, imidazolidinyl, oxazolyl,
 isoxazolyl, morpholinyl, and tetrazolyl;
 20 R^{10a} , at each occurrence, is independently selected
 from
 H, methyl, ethyl, methoxy, phenoxy, F, Cl,
 $NR^{15}R^{16}$, CF_3 ;
 25 phenyl substituted with 0-3 R^{10b} ;
 C_3 - C_7 cycloalkyl substituted with 0-3 R^{10b} ; and
 5 to 7 membered heterocycle containing 1 to 4
 heteroatoms selected from nitrogen, oxygen,
 and sulphur, wherein said 5 to 7 membered

- heterocycle is substituted with 0-3 R^{10b};
wherein said 5 to 7 membered heterocycle is
selected from pyridinyl, pyrimidinyl,
triazinyl, furanyl, thienyl, thiazolyl,
5 pyrrolyl, pyrrolidinyl, piperazinyl,
piperidinyl, homopiperidinyl, pyrazolyl,
imidazolyl, imidazolidinyl, oxazolyl,
isoxazolyl, morpholinyl, and tetrazolyl;
- 10 R^{10b}, at each occurrence, is independently selected
from
H, OH, Cl, F, CF₃, methyl, ethyl, methoxy, and -
OCF₃;
- 15 R¹¹, at each occurrence, is independently selected from
H, NR¹⁸R¹⁹, CF₃;
C₁-C₄ alkyl optionally substituted with 0-1 R^{11a};
phenyl substituted with 0-3 R^{11b};
C₃-C₇ carbocycle substituted with 0-3 R^{11b}; and
20 5 to 7 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 7 membered
heterocycle is substituted with 0-3 R^{11b};
wherein said 5 to 7 membered heterocycle is
25 selected from pyridinyl, pyrimidinyl,
triazinyl, furanyl, thienyl, thiazolyl,
pyrrolyl, pyrrolidinyl, piperazinyl,
piperidinyl, homopiperidinyl, pyrazolyl,
imidazolyl, imidazolidinyl, oxazolyl,
30 isoxazolyl, morpholinyl, and tetrazolyl;
- R^{11a}, at each occurrence, is independently selected
from
H, methyl, ethyl, methoxy, phenoxy, F, Cl, CF₃;
35 phenyl substituted with 0-3 R^{11b};
C₃-C₇ cycloalkyl substituted with 0-3 R^{11b}; and

5 to 7 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 7 membered
heterocycle is substituted with 0-3 R^{11b};
5 wherein said 5 to 7 membered heterocycle is
selected from pyridinyl, pyrimidinyl,
triazinyl, furanyl, thienyl, thiazolyl,
pyrrolyl, pyrrolidinyl, piperazinyl,
piperidinyl, homopiperidinyl, pyrazolyl,
10 imidazolyl, imidazolidinyl, oxazolyl,
isoxazolyl, morpholinyl, and tetrazolyl;

R^{11b}, at each occurrence, is independently selected
from
15 H, OH, Cl, F, CF₃, methyl, ethyl, methoxy, and -
OCF₃;

W is a bond;
X is a bond;
20 Y is a bond;

Z is H;
C₁-C₆ alkyl substituted with 0-1 R^{12a};
C₂-C₆ alkenyl substituted with 0-1 R^{12a}; or
25 C₂-C₆ alkynyl substituted with 0-1 R^{12a};

R^{12a}, at each occurrence, is independently selected
from
H, OH, Cl, F, CF₃,
30 phenyl substituted with 0-2 R^{12b};
C₃-C₆ carbocycle substituted with 0-2 R^{12b}; and
5 to 6 membered heterocycle containing 1 to 4
heteroatoms selected from nitrogen, oxygen,
and sulphur, wherein said 5 to 6 membered
35 heterocycle is substituted with 0-2 R^{12b};

R^{12b}, at each occurrence, is independently selected from

5 H, OH, Cl, F, Br, CN, NO₂, CF₃, acetyl, SCH₃,
S(=O)CH₃, S(=O)₂CH₃, methyl, ethyl, methoxy,
ethoxy, allyl,
-OCF₃, and -SCF₃;

R¹³, at each occurrence, is independently selected from

10 H, OH, methyl, ethyl, methoxy, ethoxy, Cl, F, Br,
CN, NO₂, NR¹⁵R¹⁶, and CF₃;

R¹⁵, at each occurrence, is independently selected from H, methyl, ethyl, propyl, and butyl;

15

R¹⁶, at each occurrence, is independently selected from

H, methyl, ethyl, propyl, butyl, benzyl, and
phenethyl;

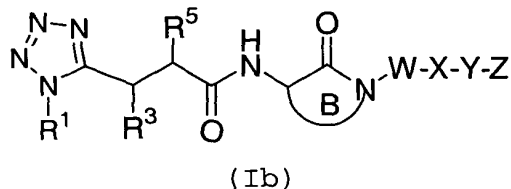
20

R¹⁸, at each occurrence, is independently selected from
H, methyl, ethyl, propyl, butyl, phenyl, benzyl,
and phenethyl; and

25 R¹⁹, at each occurrence, is independently selected from
H, methyl, ethyl, propyl, and butyl.

4. A compound, according to Claim 3, of Formula (Ib):

30



or a pharmaceutically acceptable salt or prodrug thereof,

wherein:

5

R^1 is C_1 - C_5 alkyl, C_2 - C_5 alkenyl, or C_2 - C_5 alkynyl;

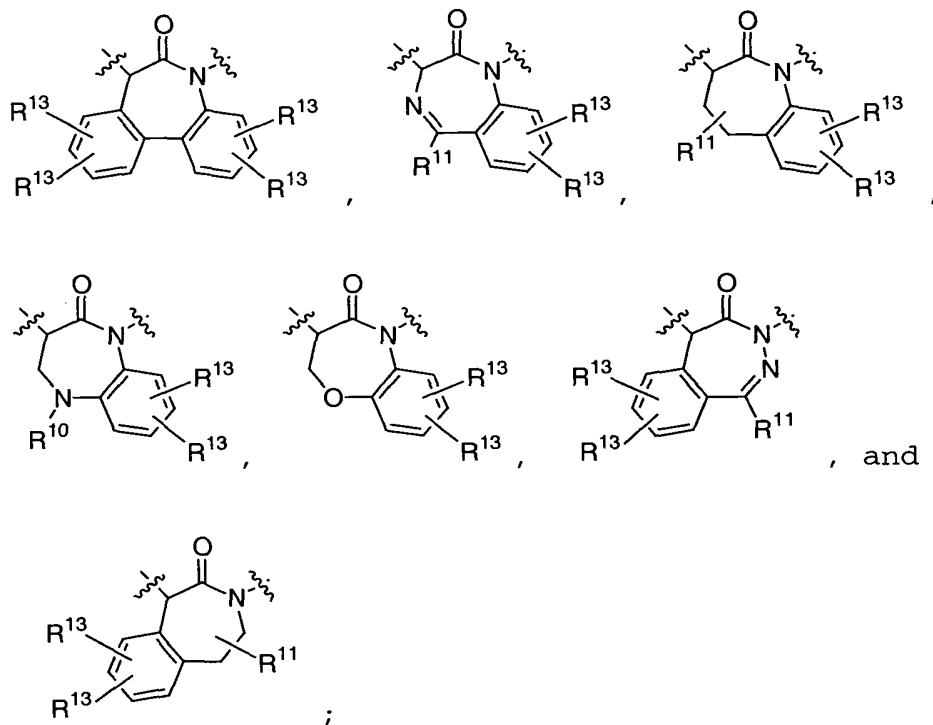
R^3 is H, methyl, ethyl, propyl, butyl, pentyl, ethenyl, propenyl, or butenyl;

10

R^5 is H, C_1 - C_5 alkyl; C_2 - C_5 alkenyl; C_2 - C_5 alkynyl; or (C_3 - C_6 cycloalkyl) C_1 - C_4 alkyl- ;

Ring B is selected from:

15



20

R^{10} is H,

C_1 - C_4 alkyl optionally substituted with 0-1 R^{10a} ;
phenyl substituted with 0-1 R^{10b} ; or

C₃-C₇ carbocycle substituted with 0-1 R^{10b},
wherein said C₃-C₇ carbocycle is selected from
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl, and
5 cycloheptyl;

R^{10a}, at each occurrence, is independently selected
from
H, methyl, methoxy, F, Cl, CF₃,
10 phenyl substituted with 0-1 R^{10b}; and
C₃-C₇ cycloalkyl substituted with 0-1 R^{10b},
wherein said C₃-C₇ carbocycle is selected from
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl, and
15 cycloheptyl;

R^{10b}, at each occurrence, is independently selected
from
H, OH, Cl, F, CF₃, methyl, and methoxy;
20

R¹¹, at each occurrence, is independently selected from
H, NR¹⁸R¹⁹, CF₃;
C₁-C₄ alkyl optionally substituted with 0-1 R^{11a};
phenyl substituted with 0-1 R^{11b}; and
25 C₃-C₇ carbocycle substituted with 0-1 R^{11b},
wherein said C₃-C₇ carbocycle is selected from
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl, and
cycloheptyl;

30
R^{11a}, at each occurrence, is independently selected
from
H, methyl, methoxy, F, Cl, CF₃,
phenyl substituted with 0-1 R^{11b}; and

C₃-C₇ cycloalkyl substituted with 0-1 R^{11b},
wherein said C₃-C₇ carbocycle is selected from
cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl, and
5 cycloheptyl;

R^{11b}, at each occurrence, is independently selected
from
H, OH, Cl, F, CF₃, methyl, and methoxy;
10
W is a bond;
X is a bond;
Y is a bond;

15 Z is H;
C₁-C₄ alkyl substituted with 0-1 R^{12a};
C₂-C₄ alkenyl substituted with 0-1 R^{12a}; or
C₂-C₄ alkynyl substituted with 0-1 R^{12a};

20 R^{12a}, at each occurrence, is independently selected
from
phenyl, cyclopropyl, cyclobutyl, cyclopentyl,
cyclopentenyl, cyclohexyl, cyclohexenyl,
pyridinyl, pyrimidinyl, triazinyl, furanyl,
25 thienyl, thiazolyl, pyrrolyl, pyrrolidinyl,
piperazinyl, piperidinyl, pyrazolyl, imidazolyl,
imidazolidinyl, oxazolyl, isoxazolyl, and
tetrazolyl;

30 R¹³, at each occurrence, is independently selected
from
H, OH, methyl, ethyl, methoxy, ethoxy, Cl, F, Br,
CN, NR¹⁵R¹⁶, and CF₃;

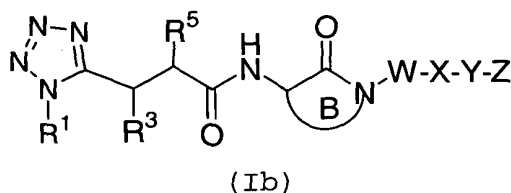
35 R¹⁵ is H, methyl, or ethyl;

R¹⁶ is H, methyl, or ethyl;

R¹⁸, at each occurrence, is independently selected from
H, methyl, ethyl, propyl, butyl, phenyl, benzyl,
5 and phenethyl; and

R¹⁹, at each occurrence, is independently selected from
H, methyl, ethyl, propyl, and butyl.

10 5. A compound of Formula (Ib) according to Claim 4
wherein:



15

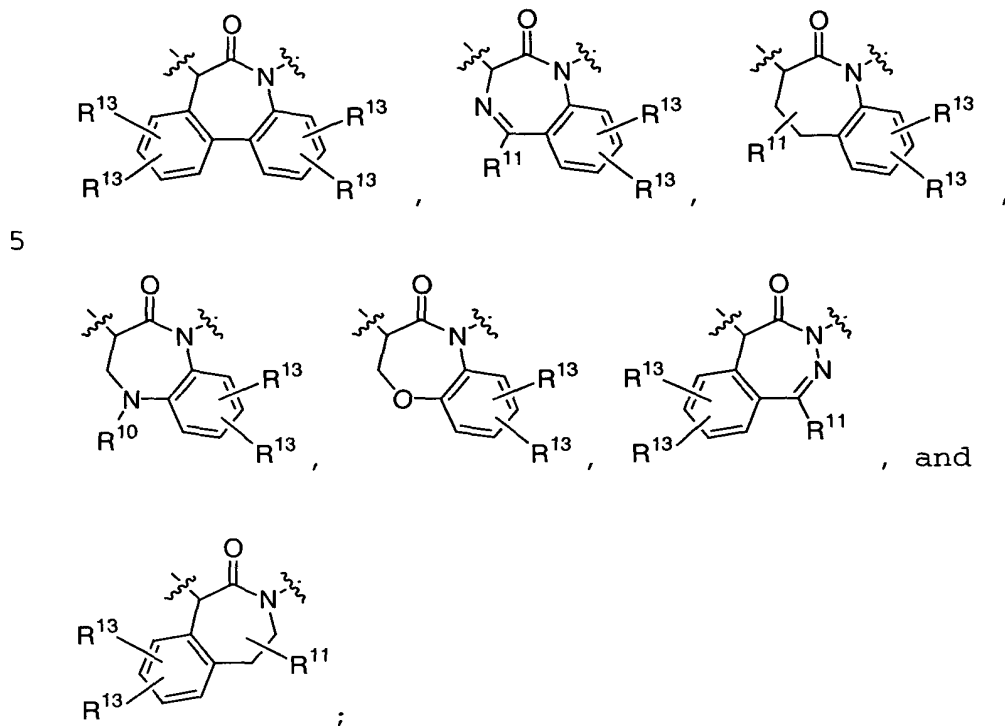
R¹ is -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂,
-CH₂CH₂CH₂CH₃,
-CH(CH₃)CH₂CH₃, -CH₂CH(CH₃)₂, or -CH₂C(CH₃)₃;

20 R³ is H, -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂,
-CH₂CH₂CH₂CH₃,
-CH(CH₃)CH₂CH₃, -CH₂CH(CH₃)₂, -CH₂C(CH₃)₃,
-CH₂CH=CH₂, cis-CH₂CH=CH(CH₃), trans-CH₂CH=CH(CH₃),
or

25 -CH₂CH₂CH=CH₂;

R⁵ is -CH₃, -CH₂CH₃, -CH₂CH₂CH₃, -CH(CH₃)₂,
-CH₂CH₂CH₂CH₃,
-CH(CH₃)CH₂CH₃, -CH₂CH(CH₃)₂, -CH₂C(CH₃)₃,
30 -CH₂CH₂CH₂CH₂CH₃, -CH(CH₃)CH₂CH₂CH₃,
-CH₂CH(CH₃)CH₂CH₃,
-CH₂CH₂CH(CH₃)₂, -CH(CH₂CH₃)₂,
cyclopropyl-CH₂-, or cyclobutyl-CH₂-;

Ring B is selected from:



W is a bond;
X is a bond;
Y is a bond;

Z is methyl, ethyl, i-propyl, n-propyl, n-butyl,
i-butyl, s-butyl, t-butyl, allyl, cyclopropyl-,
cyclobutyl-, cyclopentyl-, cyclopropyl-CH₂-,
cyclobutyl-CH₂-, or cyclopentyl-CH₂-;

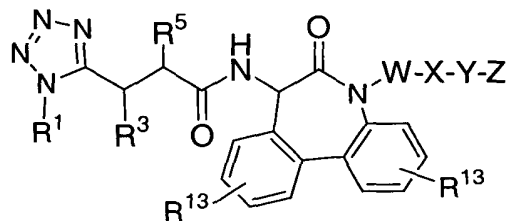
R¹⁰, at each occurrence, is independently selected from
H, methyl, ethyl, i-propyl, n-propyl, n-butyl,
i-butyl, s-butyl, t-butyl, phenyl, benzyl,
phenethyl,
4-F-phenyl, (4-F-phenyl)CH₂-, (4-F-phenyl)CH₂CH₂-,
3-F-phenyl, (3-F-phenyl)CH₂-, (3-F-phenyl)CH₂CH₂-,
2-F-phenyl, (2-F-phenyl)CH₂-, (2-F-phenyl)CH₂CH₂-;

- 4-Cl-phenyl, (4-Cl-phenyl)CH₂-, (4-Cl-phenyl)CH₂CH₂-,
3-Cl-phenyl, (3-Cl-phenyl)CH₂-, (3-Cl-phenyl)CH₂CH₂-,
5 4-CH₃-phenyl, (4-CH₃-phenyl)CH₂-, (4-CH₃-phenyl)CH₂CH₂-,
3-CH₃-phenyl, (3-CH₃-phenyl)CH₂-, (3-CH₃-phenyl)CH₂CH₂-,
4-CF₃-phenyl, (4-CF₃-phenyl)CH₂-, (4-CF₃-phenyl)CH₂CH₂-,
10 cyclopropyl, (cyclopropyl)CH₂-, (cyclopropyl)CH₂CH₂-,
cyclobutyl, (cyclobutyl)CH₂-, (cyclobutyl)CH₂CH₂-,
cyclopentyl, (cyclopentyl)CH₂-,
15 (cyclopentyl)CH₂CH₂-, cyclohexyl, (cyclohexyl)CH₂-, (cyclohexyl)CH₂CH₂-,
- R¹¹, at each occurrence, is independently selected from
H, methyl, ethyl, i-propyl, n-propyl, n-butyl,
20 i-butyl, s-butyl, t-butyl, phenyl, benzyl, phenethyl,
4-F-phenyl, (4-F-phenyl)CH₂-, (4-F-phenyl)CH₂CH₂-,
3-F-phenyl, (3-F-phenyl)CH₂-, (3-F-phenyl)CH₂CH₂-,
2-F-phenyl, (2-F-phenyl)CH₂-, (2-F-phenyl)CH₂CH₂-,
25 4-Cl-phenyl, (4-Cl-phenyl)CH₂-, (4-Cl-phenyl)CH₂CH₂-,
3-Cl-phenyl, (3-Cl-phenyl)CH₂-, (3-Cl-phenyl)CH₂CH₂-,
4-CH₃-phenyl, (4-CH₃-phenyl)CH₂-, (4-CH₃-phenyl)CH₂CH₂-,
30 3-CH₃-phenyl, (3-CH₃-phenyl)CH₂-, (3-CH₃-phenyl)CH₂CH₂-,
4-CF₃-phenyl, (4-CF₃-phenyl)CH₂-, (4-CF₃-phenyl)CH₂CH₂-,

cyclopropyl, (cyclopropyl)CH₂-,
(cyclopropyl)CH₂CH₂-,
cyclobutyl, (cyclobutyl)CH₂-, (cyclobutyl)CH₂CH₂-,
cyclopentyl, (cyclopentyl)CH₂-,
5 (cyclopentyl)CH₂CH₂-,
cyclohexyl, (cyclohexyl)CH₂-, (cyclohexyl)CH₂CH₂-,
pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, piperidinyl, or
homopiperidinyl; and

10 R¹³, at each occurrence, is independently selected
from
H, F, Cl, OH, -CH₃, -CH₂CH₃, -OCH₃, or -CF₃.

6. A compound according to one of Claims 1-5 of
15 Formula (Ic):

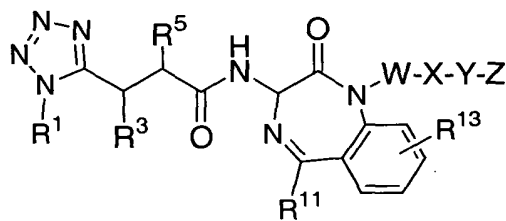


(Ic)

or a pharmaceutically acceptable salt or prodrug
thereof.

20

7. A compound according to one of Claims 1-5 of
Formula (Id):

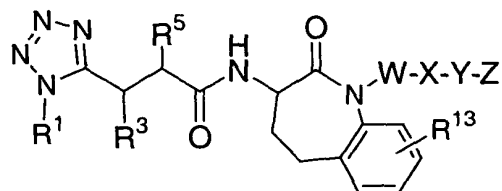


(Id)

25

or a pharmaceutically acceptable salt or prodrug
thereof.

8. A compound according to one of Claims 1-5 of Formula (Ie):

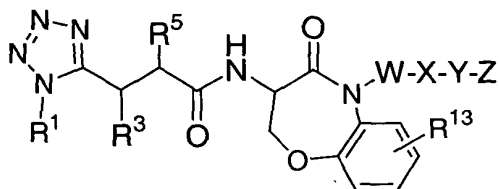


(Ie)

5 or a pharmaceutically acceptable salt or prodrug thereof.

9. A compound according to one of Claims 1-5 of Formula (If):

10

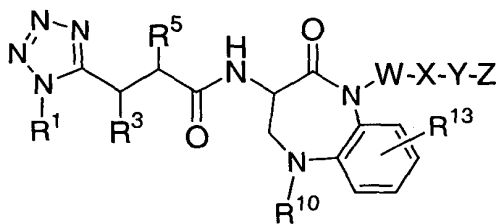


(If)

or a pharmaceutically acceptable salt or prodrug thereof.

15

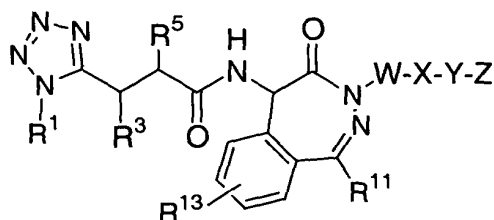
10. A compound according to one of Claims 1-5 of Formula (Ig):



(Ig)

20 or a pharmaceutically acceptable salt or prodrug thereof.

11. A compound according to one of Claims 1-5 of Formula (Ih):



(Ih)

or a pharmaceutically acceptable salt or prodrug thereof.

5

12. A compound according to Claim 1 selected from:

4-Methyl-2-(1-propyl-1H-tetrazol-5-ylmethyl)-pentanoic acid [1-methyl-2-oxo-5-(4-trifluoromethyl-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-3-yl]-amide;

10

4-Methyl-2-[1-(1-propyl-1H-tetrazol-5-yl)-ethyl]-pentanoic acid (5-methyl-6-oxo-6,7-dihydro-5H-dibenzo[b,d]azepin-7-yl)-amide;

15

4-Methyl-2-[1-(1-propyl-1H-tetrazol-5-yl)-ethyl]-pentanoic acid [1-methyl-2-oxo-5-(4-trifluoromethyl-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-3-yl]-amide;

20

4-Methyl-2-(1-propyl-1H-tetrazol-5-ylmethyl)-pentanoic acid (1,5-bis-cyclopropylmethyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,5]diazepin-3-yl)-amide;

25 4-Methyl-2-(1-propyl-1H-tetrazol-5-ylmethyl)-pentanoic acid (1-cyclopropylmethyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,5]diazepin-3-yl)-amide;

30 4-Methyl-2-(1-propyl-1H-tetrazol-5-ylmethyl)-pentanoic acid (1-cyclopropylmethyl-5-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,5]diazepin-3-yl)-amide;

4-Methyl-2-[1-(1-propyl-1H-tetrazol-5-yl)-ethyl]-
pentanoic acid (1,5-bis-cyclopropylmethyl-2-oxo-
2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-
amide;

5

2-[Amino-(1-propyl-1H-tetrazol-5-yl)-methyl]-4-methyl-
pentanoic acid [1-methyl-2-oxo-5-(4-trifluoromethyl-
phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-3-yl]-
amide;

10

2-Isobutyl-3-(1-methyl-1H-tetrazol-5-yl)-hex-5-enoic
acid (5-cyclopropylmethyl-1-methyl-2-oxo-2,3,4,5-
tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-amide;

15

2-Isobutyl-4-methyl-3-(1-methyl-1H-tetrazol-5-yl)-
pentanoic acid (5-cyclopropylmethyl-1-methyl-2-oxo-
2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-
amide;

20

or a pharmaceutically acceptable salt or prodrug
thereof.

13. A pharmaceutical composition comprising a
compound according to Claim 1 and a pharmaceutically
25 acceptable carrier.

14. A method for the treatment of neurological
disorders associated with β -amyloid production
comprising administering to a host in need of such
30 treatment a therapeutically effective amount of a
compound of Claim 1.

15. A method for the treatment of Alzheimer's Disease
comprising administering to a host in need of such
35 treatment a therapeutically effective amount of a
compound of Claim 1.

16. A method for the treatment of Alzheimer's Disease associated with β -amyloid production comprising administering to a host in need of such treatment a therapeutically effective amount of a compound of

5 Claim 1.